

- **Model:** HXLBQ-DTA322
- **Product Name:** Comb Band Pass Filter
- **Frequency:** 23~40GHz

- ★ High Stop Band Rejection
- ★ Low Pass Band Insertion Loss
- ★ Customizable Design
- ★ High Reliability

Technical Data Sheet		
Item	Parameters	
● Center Frequency(F0)	31.5GHz	
● Pass Band Frequency	23 ~ 40GHz	
● Pass Band Insertion Loss	≤1.1dB	
● Pass Band Ripple	≤0.5dB	
● Pass Band Return Loss	≥16dB	
● Stop Band Rejection	≥80dB @ DC ~ 20.5GHz	≥22dB @ 41 ~ 41.7GHz
	≥35dB @ 20.5 ~ 22GHz	≥40dB @ 41.7 ~ 45GHz
● Impedance	50 Ohms	
● Power Handling	5W Max.	
● Connectors	2.92mm(K)-Female	
● Surface Finish	Painted Black	
● Temperature Range	-30°C ~ +70°C	
● Net weight	0.07 KG	

Note: The actual design bandwidth will be greater than the Pass Band Frequency, and there is no bandwidth limit.

● **Outline Drawing:** (Dimensions Unit: mm, Dimensions Tolerance: ±0.5mm)

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|-------------------|----------------------------------|--------------------------------|
| ● Material | ● Housing: H62 Copper alloy | ● Connectors: Stainless Steel |
| | ● Cover: H62 Copper alloy | ● Other screw: Stainless Steel |
| | ● Tuning screw: H62 Copper alloy | ● Dimensions: 70*16*12mm |

